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Attachment to Z-10291/83

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NPIC/PEG (2/83)

**SOVIET SPACE SHUTTLE
RAMENSKOYE FLIGHT TEST CENTER, USSR**

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1. (SWN) SIGNIFICANCE: A SPACE SHUTTLE ORBITER (NPIC INTERIM DESIGNATOR RAM-R) FOR A SOVIET REUSEABLE SPACE TRANSPORT SYSTEM IS OBSERVED FOR THE FIRST TIME.

2. (SWN) REMARKS: THE RAM-R IS MOUNTED ATOP A MODIFIED BISON B IN THE MYASISHCHEV AREA OF THE FLIGHT TEST CENTER. A SECOND MODIFIED BISON B WITH THE 44-METER AEROSPACE COMPONENT IS ALSO PRESENT. THE RAM-R MAY HAVE BEEN PRESENT [REDACTED] BUT WAS NOT PRESENT [REDACTED] THE LAST CLEAR IMAGERY OF THE CENTER.

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(SWN) THE RAM-R IS VERY SIMILAR TO THE U.S. SPACE SHUTTLE ORBITER IN SIZE AND GENERAL LAYOUT. THE RAM-R HAS A LOW-MOUNTED, DOUBLE-DELTA WING WITH EVELON CONTROL SURFACES ON THE TRAILING EDGE. PRELIMINARY DIMENSIONS OF THE RAM-R ARE VERY CLOSE TO THOSE OF THE U.S. SPACE SHUTTLE ORBITER (USSO). THE RAM-R [REDACTED]

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[REDACTED] THE TYPE OF THERMAL PROTECTION SYSTEM, IF PRESENT, CANNOT BE DETERMINED.

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(SWN) THE RAM-R WAS PROBABLY PRODUCED AT MOSKVA GUIDED MISSILE PLANT TORSHINO 82 [REDACTED] AND TRANSPORTED TO RAMENSKOYE FOR ASSEMBLY. VARIOUS UNIDENTIFIED COMPONENTS SEEN PREVIOUSLY AT RAMENSKOYE COULD HAVE BEEN PART OF THE RAM-R PROGRAM.

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(SWN) RAMENSKOYE FLIGHT TEST CENTER, 21 NM SOUTHEAST OF MOSCOW, IS ONE OF THE MAIN FLIGHT TEST CENTERS IN THE SOVIET UNION SUPPORTING DESIGN, DEVELOPMENT, AND TESTING OF NEW SOVIET AIRCRAFT, AND MODIFICATIONS TO EXISTING AIRCRAFT.

3. [REDACTED] COORDINATES 55-34-19N 038-09-23E

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WARNING NOTICE
Intelligence Sources
and Methods Involved

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